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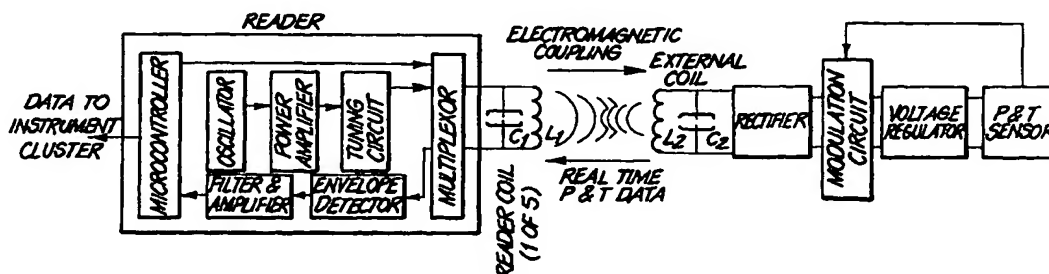
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(54) Title: IMPROVEMENTS IN TYRE DATA MONITORING SYSTEMS

SYSTEM BLOCK DIAGRAM



(57) Abstract: A vehicle tyre data monitoring system has a wheel mounted sensor means that is adapted to transmit one or more of pressure, temperature, angular velocity, and force vector data for a tyre as a digital serial datagram through a two-wire communication channel to a chassis mounted reader means. The communication channel is adapted to simultaneously supply power to the sensor means and receive the data for processing and subsequent display to a user of the system.